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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/627,330	07/25/2003	Tao T. Tao	T0457.70019US00	2277
Timothy J. Oyer, Ph.D. Wolf, Greenfield & Sacks, P.C. 600 Atlantic Avenue Boston, MA 02210			EXAMINER	
			MARTIN, ANGELA J	
			ART UNIT	PAPER NUMBER
200001, 1411 1 0 2			1745	-
		•		
	•		MAIL DATE	DELIVERY MODE
			09/25/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	Applicant(s)				
Office Action Commence	10/627,330	TAO ET AL.				
Office Action Summary	Examiner	Art Unit				
	Angela J. Martin	1745				
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply						
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 6(a). In no event, however, may a reply be time ill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	the mailing date of this communication. O (35 U.S.C. § 133).				
Status						
1) Responsive to communication(s) filed on 05 Ju	<u>ly 2007</u> .	·				
2a) This action is FINAL . 2b) ⊠ This						
3) Since this application is in condition for allowan	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is					
closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213.						
Disposition of Claims		•				
4)⊠ Claim(s) 52,116-121 and 123-127 is/are pending in the application.						
4a) Of the above claim(s) is/are withdrawn from consideration.						
5) Claim(s) is/are allowed.						
6)⊠ Claim(s) <u>52,116-121 and 123-127</u> is/are rejecte	ed.					
7) Claim(s) is/are objected to.	•	•				
8) Claim(s) are subject to restriction and/or	election requirement.	•				
Application Papers						
9) The specification is objected to by the Examiner.						
10) The drawing(s) filed on is/are: a) acce		xaminer				
Applicant may not request that any objection to the						
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).						
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.						
Priority under 35 U.S.C. § 119						
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).						
a) ☐ All b) ☐ Some * c) ☐ None of:						
1. Certified copies of the priority documents have been received.						
2. Certified copies of the priority documents have been received in Application No						
3. Copies of the certified copies of the priority documents have been received in this National Stage						
application from the International Bureau (PCT Rule 17.2(a)).						
* See the attached detailed Office action for a list of the certified copies not received.						
	•					
Attachment(s)						
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 4) Interview Summary (PTO-413) Paper No(s)/Mail Date						
3) Information Disclosure Statement(s) (PTO/SB/08) 5) Notice of Informal Patent Application						
Paper No(s)/Mail Date <u>7/5/07</u> .						

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DETAILED ACTION

This Office Action is responsive to the Amendment filed on July 5, 2007. The Applicant has amended claims 52 and 121; canceled claims 114, 115, 122. However, a new rejection is presented for the following reasons of record.

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 2. Claims 52, 116-121, 123-127 are rejected under 35 U.S.C. 102(b) as being anticipated by Koch, DE 4004220 C1.

Rejection of claims 52, 116-121, 123-127 drawn to an anode.

Koch teaches an anode that is a chemically rechargeable anode, wherein at least a portion of the anode is liquid at a temperature at which the anode is operated (abstract). The anode of claim 52, wherein the anode is operable at a temperature of less than about 1500 °C (p. 5, paragraph 1). The anode of claim 52, wherein the anode is operable at a temperature of less than about 1300 °C (p. 5, paragraph 1). The anode of claim 52, wherein the anode is operable at a temperature of less than about 1000 °C (p. 5, paragraph 1). The anode of claim 52, wherein the anode is operable at a temperature from about 300 °C to about 1500 °C (p. 5, paragraph 1). The anode of claim 52, wherein the anode is operable at a temperature from about 300 °C to about

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1300 °C (p. 5, paragraph 1). An anode being constructed of a material such that the anode is a chemically rechargeable anode comprising tin metal (p. 5, paragraph 1). The anode of claim 121, wherein the anode is operable at a temperature of less than about 1500 °C (p. 5, paragraph 1). The anode of claim 121, wherein the anode is operable at a temperature of less than about 1300 °C (p. 5, paragraph 1). The anode of claim 121, wherein the anode is operable at a temperature of less than about 1000 °C (p. 5, paragraph 1). The anode of claim 121, wherein the anode is operable at a temperature from about 300 °C to about 1500 °C. (p. 5, paragraph 1) The anode of claim 121, wherein the anode is operable at a temperature from about 300 °C to about 1300 °C (p. 5, paragraph 1).

Thus, the claims are anticipated.

Response to Arguments

3. Applicant's arguments with respect to above claims have been considered but are most in view of the new ground(s) of rejection.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Angela J. Martin whose telephone number is 571-272-1288. The examiner can normally be reached on Monday-Friday from 9:00 am to 5:00 pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Patrick Ryan can be reached on 571-272-1292. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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